

Memorandum of Understanding (MOU) for Ward's Weed Eradication & Agreement with ACS for Implementation

James Wood, Environmental Manager

Rosanne Humphrey, Habitat Management Coordinator

October 8, 2019

Presentation Summary

- Ward's weed background
- Area of infestation
- Eradication strategy
- Recommended Action



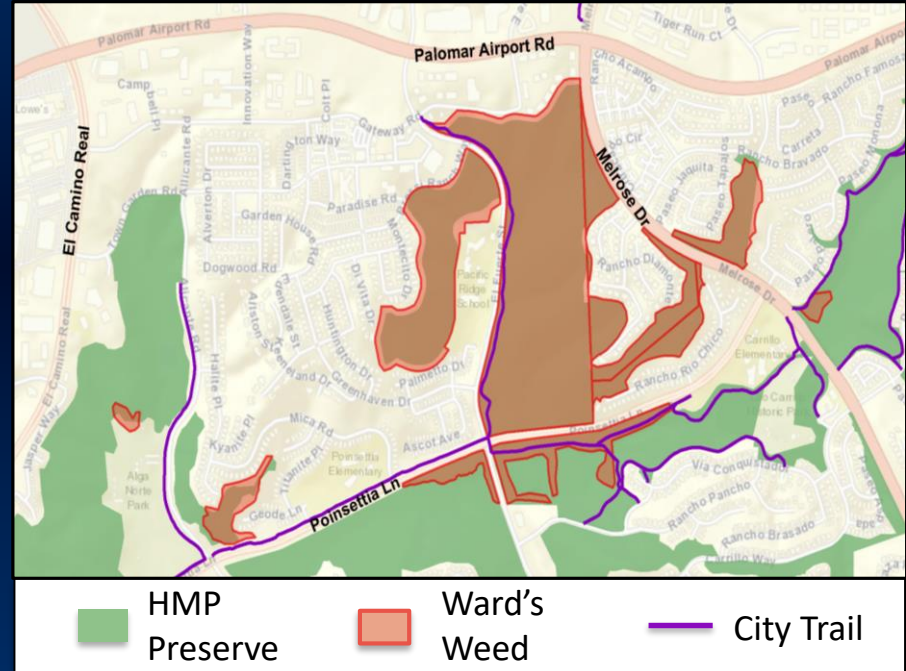
Ward's Weed Background

- Invasive species
- Spreads extremely fast
- Chokes out native species
- Presents wildfire risk



Area of Infestation

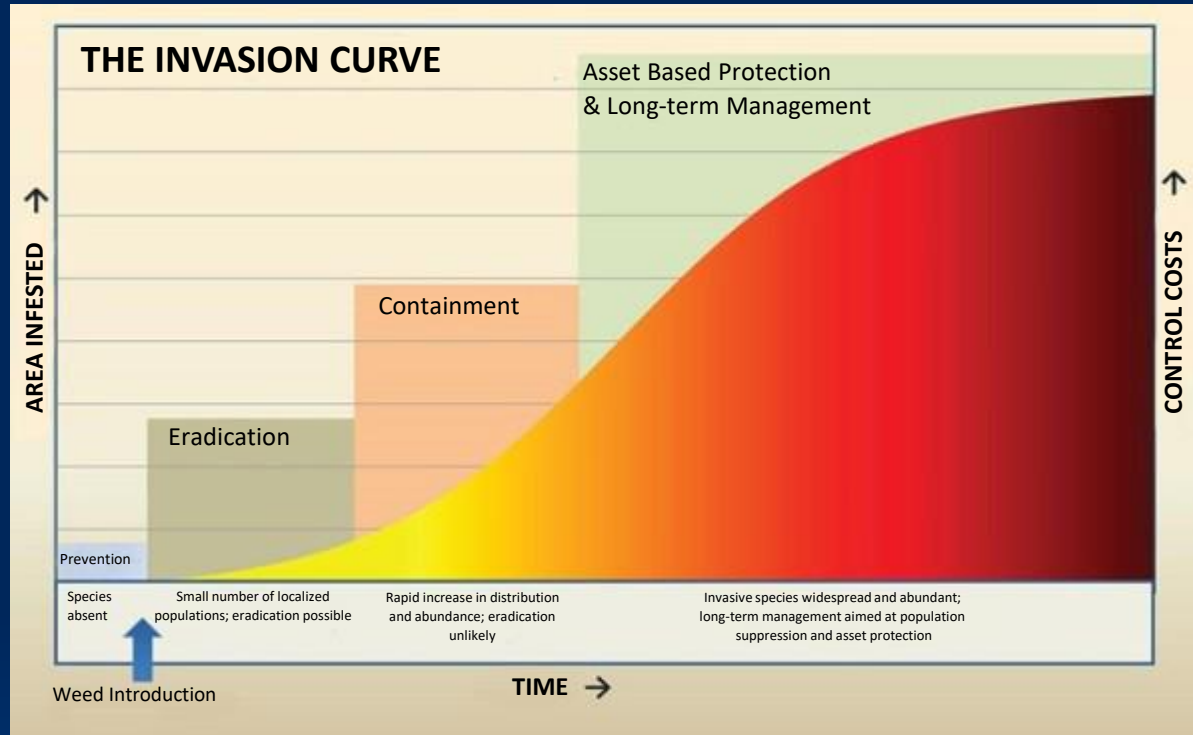
- Carlsbad 2008
 - First record in North America
- More than 99% of the infestation is in City of Carlsbad



Eradication Strategy

- Obligation to safeguard HMP preserve
- Core community values
- Reduction of wildfire potential in Carlsbad
- Prevent the spread to the rest of CA and US

Eradication Strategy



Eradication Strategy

- Assembled regional stakeholder group
- Refined boundaries of infestation
- Partners obtained grant funds
- Conducted public outreach



Agencies & Organizations

- Nature Collective
- County Dept of Ag, Weights & Measures
- Center for Natural Lands Management
- UC Cooperative Extension
- San Diego Management and Monitoring Program
- San Diego Association of Governments (SANDAG)
- U.S. Fish and Wildlife Service
- California Department of Fish and Wildlife
- San Diego Habitat Conservancy
- City of San Diego

Partners

Associations & Mgmt Companies

- Rancho Carrillo Master Association
- Bressi Gardenlane
- Bressi Spectrum Business Assoc
- Walters Management
- VLDA Landscape Architects
- Monarch Landscape
- Park West Landscape

Public Outreach

- Home Owner's Associations
- Landscaping companies
- Newspaper and TV interviews
- Fliers, signs, pocket guides, etc.
- Presentations
 - Trail volunteers
 - Professional meetings
 - Land managers



Eradication Strategy

10 Years of Field Trials and Research

- Hand pulling
- Mechanical
- A variety of herbicides
- UC Cooperative Extension coordination
- Irvine Ranch Conservancy field research



Eradication Strategy

- Phase 1: Intensive Treatment
 - Coordinated treatment of infestation (MOU)
- Phase 2: Ongoing Maintenance

Recommended Action

Adopt a Resolution:

- (1) authorizing execution of a Memorandum of Understanding (MOU) for a Ward's weed eradication program between the City of Carlsbad, the Nature Collective, San Diego County (County AWM), and the Center for Natural Lands Management (CNLM);
- (2) authorizing execution of an Agreement with ACS Habitat Management for implementation of the program;
- (3) approving a carry-over of budgetary savings of \$200,000 from the FY 2018-19 Environmental Management Department Operating Budget to the FY 2019-20 Environmental Management Department Operating Budget to fund the ACS Habitat Management Agreement; and
- (4) authorizing execution of right of entry permits to provide eradication services on private property located in the infestation area.

